PROPOSED SYSTEM FOR CHAMBERS

PRIMARY & RESERVE_____ **PRIMARY ONLY_____** **RESERVE ONLY_____**

Owners Name: _____**APN:**_____-_____-_____

The calculations below are based on the information from the ADEQ Site Investigation Report and proposed dwelling plans that specify the number of bedrooms and fixture units. The soil application rate is derived from Arizona Administrative Code R18-9-A312 (D). The system shall be installed in accordance with the following instructions:

A. **Proposed Single Family Dwelling (SFD)**; Number of bedrooms_____, fixture count_____, tank size_____gal, Design flow_____gallons per day (gpd). *Table for daily flow for a Single Family Dwelling. R18-9-A314 (4) (a)*

B. Design flow gpd_____ ÷ _____Soil Application Rate (SAR from soil eval) =_____total ft² of absorption area.

C. Total ft² of absorption area_____ ÷ _____per chamber absorption area = _____Total # of chambers.

D. Total # of chambers(chs) _____ x _____ length of 1 chamber (ft) =_____ total ft. of chambers ÷ _____

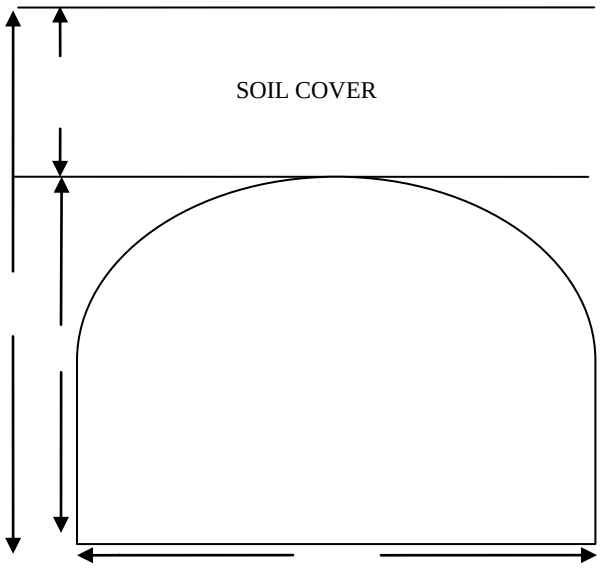
# of trenches =_____ ft per trench. (Total # of chs _____ ÷ _____ # of trenches = _____ chs per trench.)

Length per trench: _____ft, _____#ch/ _____ft, _____#ch/ _____ft, _____#ch/ _____ft, _____#ch/ _____ft, _____#ch

_____ft, _____#ch/ _____ft, _____#ch/ _____ft, _____#ch/ _____ft, _____#ch/ _____ft, _____#ch

E. Total depth of trench_____ft. Distance between trenches_____ (5' minimum)

F. If the reserve SAR &/or the configuration of leach lines is different from the primary then use a separate Proposed Form.



Designer Name: _____
Please Print

Designer Signature: _____

Date: _____

☐ Type of Filter: _____

☐ Risers to Grade _____

☐ Permanent Marker to Grade-Type of marker used: _____
Top of tank or risers to be within 6 inches of grade.

☐ CHAMBER MANUFACTURER: _____